Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 28 Dec 2021 until 23:59 on Wednesday 29 Dec 2021

Forecast Issued on Monday 27 Dec 2021 at 14:56

Confidence: Medium confidence at best in the details of the forecast particularly after day 2. Timing of frontal rain and cloud amounts are likely to change from the forecast written today, however the general pattern of milder air with frontal rain and periods of strong winds looks set for the week.

Headline for Tuesday 28 Dec 2021: A wet morning but drier in the afternoon.

Mountain weather hazards on Tuesday 28 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Dull	Drizzle	Light rain	Heavy Rain	Dull	Cloudy	Cloudy
Precipitation probability							
20%	20%	40%	50%	70%	40%	20%	20%

Forecast for Tuesday 28 Dec 2021

Weather: Mainly dry through the night although some patchy drizzle and broken low cloud is likely. An area of rain will push into the west of the Yorkshire Dales in the morning with outbreaks of heavy rain expected at times especially in the west. The rain will be accompanied by fresh winds for a time in the middle of the day leading to quite unpleasant conditions on the hills for a time. Rain will clear east in the afternoon becoming lighter and patchier in nature before eventually clearing to leave a mainly dry late afternoon, perhaps a few clearer spells appearing around dusk. A mainly dry evening with clear spells developing later in the night.

Chance of cloud free mountain/hill tops above 600m: 20 % widespread low cloud covering the tops associated with rain, improving to 40% by mid afternoon as rain clears east.

Visibility: Visibility will be quite poor throughout the day with periods of light and patchy drizzle and rain and also spells of heavier rain in the morning. Cloud will fall below the hill tops to around 4-500m, it will be quite extensive but will thin and lift a little in the afternoon but will still linger around 600m during the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.

Mountain Weather Forecast

Forecast for Tuesday 28 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/16 E	7/12 E	7/12 E	7/11 N	11/17 NW	12/18 NW	9/14 NW	7/11 W	7/10 SW
300	7/16 E	6/12 E	5/12 E	6/13 NE	9/17 NW	10/19 NW	8/15 NW	4/10 W	3/7 S
Valley	8/14 E	5/13 E	6/13 E	4/10 NE	7/15 NW	8/17 NW	5/12 NW	2/7 W	3/7 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/0	4/2	4/1	4/1	4/1	5/1	4/0	3/-0	2/-0
300	5/3	6/4	6/4	6/4	7/4	6/4	6/3	4/2	4/3
Valley	7/4	7/5	7/5	7/6	8/6	8/5	6/4	5/3	5/4
Freezing Level*	1600m	1600m	1600m	1500m	1500m	1500m	1300m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fresh winds for a time during the day and this along with heavy rain will give quite chilly conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 27 Dec 2021	5.6mm	9.4mm	10.4mm

Forecast for Wednesday 29 Dec 2021

Weather: A dry night period with some clear periods but soon clouding over in the morning with some rain spreading in from the west in the morning, the rain will clear through after a couple of hours but may be heavy for a time. Cloud clearing in the afternoon but feeling quite a lot fresher after the rain. Some rain will fall as sleet on the higher tops at first but will turn to rain at all levels.

Maximum wind: Strong southwesterly winds, 20mph with gusts 30-35mph.

Chance of cloud free mountain/hill tops above 600m: 30% in the morning as frontal rain moves across the area but improving to 80% in the afternoon as rain and cloud clear.

Visibility: Visibility will be moderate or poor in the morning as moderate or heavy rain moves across the area with broken cloud bases above 500m, during the afternoon visibility will become very good and only patches of lower cloud around 600m.

Temperature: **Valleys:** Plus 5 rising to 10 Celsius.
At 600m: Plus 2 rising to 6 Celsius.
Freezing level: 900m rising above all summits in the milder air.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.